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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	A	3968564	Jul. 13, 1976	Springthorpe.	438	27	Apr. 30, 1975
JK	B	4292512	Sep. 29, 1981	Miller et al.	250	205	Jun. 19, 1978
JK	C	4466696	Aug. 21, 1984	Carney.	385	49	Mar. 29, 1982
JK	D	4897711	Jan. 30, 1990	Blonder et al.	257	48	Mar. 30, 1988
JK	E	4934784	Jun. 19, 1990	Kapany et al.	385	33	Mar. 20, 1989
JK	F	4945400	Jul. 31, 1990	Blonder et al.	257	116	Oct. 30, 1989
JK	G	5181224	Jan., 19 1993	Synder.	372	101	May 10, 1991
JK	H	5195150	Mar. 16, 1993	Stegmueller et al.	385	33	Jan. 27, 1992
JK	I	5247597	Sep. 21, 1993	Blacha et al.	385	88	Jun. 15, 1992
JK	J	5259054	Nov. 2, 1993	Benzoni et al.	385	89	Jan. 10, 1992
JK	K	5337398	Aug. 9, 1994	Benzoni et al.	385	90	Nov. 30, 1992
JK	L	5345529	Sep. 6, 1994	Sizer, II et al.	385	147	Jul. 6, 1993
JK	M	5346583	Sep. 13, 1994	Basavanhally.	216	26	Sep. 2, 1993
JK	N	5434939	Jul. 19, 1995	Matsuda.	385	88	Feb. 8, 1994
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JK	Q	5742720	Apr. 21, 1998	Kobayashi et al.	385	89	Aug. 29, 1996
JK	R	5859940	Jan. 12, 1999	Takahashi et al.	385	34	Mar. 7, 1997
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JK	T	6527455	Mar 4, 2003	Jian	385	88	Nov. 26, 2001

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
JK	U	6-138341	May. 20, 1994	Japan			X	

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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	V	CARSON et al., "Future Manufacturing Techniques for Stacked MCM Interconnections", Journal of Metal, Jun. 1994, pp. 51-55.
	W	DASCHNER et al., "Fabrication of Monolithic Diffractive Optical Elements by the Use of E-Beam Directed Write on an Analog Resist and a Single Chemically Assisted Ion-Beam-Etching Step", Applied Optics, vol. 34, No. 14, May 1995, pp. 2534-2539.
	X	IGA, "Active Parallel Microoptics", SPIE vol. 1319 Optics in Complex Systems, 1990, pp. 486-490.
	Y	IGA et al., "Distributed-index Planar Microlens and Stacked Planar Optics: A Review of Progress", Applied Optics, vol. 25, No. 19 Oct. 1986, pp. 3388-3396.
	Z	IGA, "Chapter 10: Stacked Planar Optics", Fundamentals of Microoptics, Academic Press, 1984, pp. 195-207 and pp 6-7.
	AA	IGA et al., "Stacked Planar Optics: An Application of the Planar Microlens", Applied Optics, vol. 21, No. 19, Oct. 1982, pp. 3456-3460.
	AB	IGA, "Two-dimensional Arrayed Microoptics", TUB2, Invited Paper, CLEO, 1989, pp. 44-45.
	AC	KO et al., "Bonding Techniques for Microsensors", Micromachining and Micropackaging of Transducers, Elsevier Science Publisher, Amsterdam, 1986, pp. 41-61.
	AD	LEE et al., "Low Cost High Quality Fabrication Methods and CAD for Diffractive Optics and Computer Holograms Compatible with Micro-Electronics and Micro-Mechanics Fabrication", Diffractive Optics and Optical Microsystems, Plenum Press New York, 1997, pp. 133-138.
	AE	MATSUDA et al., "A Surface-Emitting Laser Array with Backside Guiding Holes for Passive Alignment to Parallel Optical Fibers", IEEE Photonics Technology Letters, vol. 8, No. 4, Apr. 1996, pp. 494-496.
	AF	OIKAWA et al. "Optical Tap Array Using Distributed-Index Planar Microlens", Electronics Letters, vol. 18, No. 18, Apr. 15, 1982, pp. 316-317.
	AG	REIMER et al., "Micro-Optic Fabrication Using One-Level Gray-Tone Lithography", SPIE, vol. 3008, 1997, pp. 279-288.
	AH	STRZELECKA et al., "Monolithic Integration of Verical-Cavity Laser Diodes With Refractive GaAs Microlenses", Electronics Letters, vol. 31, No. 9, Apr. 1995, pp. 724-725.
	AI	Tai, "90% Coupling of Top Surface Emitting GaAs/AlGaAs Quantum Well Laser Output Into 8 Micron Diameter Core Silica Fibre", Electronics Letters, vol. 26, No. 19, Sep. 1990, pp. 1628-1629.
	AJ	WANG et al., "Robust Regression Applied to Optical-Fiber Dimensional Quality Control", Technometrics, vol. 39, No. 1, Feb. 1997, pp. 25-33.
	AK	DOHLE et al., "Low Temperature Bonding of Epitaxial Lift Off Devices With AuSn", IEEE Transactions on Components, Packaging, and Manufacturing Technology, Part B, vol. 19, No. 3, Aug. 1996, pp. 575-579.

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